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**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

Inventor(s): **Eric D Isaacs**  
**Carsten Metz**

Case: **3-6**Serial No.: **10/797399**Filing Date: **March 10, 2004**Examiner: **Group Art Unit: 2881**Title: **Media With Controllable Refractive Properties****COMMISSIONER FOR PATENTS****P.O. BOX 1450****ALEXANDRIA, VA 22313-1450****SIR:**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97(b)(3)**

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

With respect to 37 CFR 1.98(3)(1), Applicants submit Reference AG, which has an English translation of the Abstract of Reference AC (FR 2747842). Applicants also note that Reference AG states that FR 2747842 is also published as DE4119518 (i.e. German language Reference AB).

**NO FEE IS REQUIRED**

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lucent Technologies Deposit Account No. 12-2325** as required to correct the error.

Respectfully,



**John F. McCabe, Attorney**  
 Reg. No. 42854  
 908-582-6866

Date: July 11, 2005

Docket Administrator (Room 3J-219)  
 Lucent Technologies Inc.  
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on July 15, 2005.



Rose E. Ewald



<del>EXTRAORDINARY INFORMATION</del> OFFICE	Case Name. E.D. Isaacs 3-6 Serial No. 10/797399 Applicant: E.D. Isaacs, et al. Filing Date: March 10, 2004 Group: 2881
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## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

		<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>
	AB	DE 4119518	1/8/1998	Germany	H01Q	15/04	No
	AC	FR 2747842	6/15/1990	France	H01Q	3/46	No

**OTHER (including Author, Title, Date, Pertinent Pages, etc.)**

	<b>AD</b>	R. A. Shelby, et al, "Experimental Verification of a Negative Index of Refraction", <i>Science</i> , vol. 292, (4/6/01), pp. 77-79.
	<b>AE</b>	R. A. Shelby, et al, "Microwave Transmission Through a Two-Dimensional, Isotropic, Left-Handed Metamaterial", <i>Applied Physics Letters</i> , American Institute of Physics, New York, vol. 78, no. 4, (1/22/01), pp. 489-491.
	<b>AF</b>	Lixin Ran, et al, "Beam Shifting Experiment for the Characterization of Left-Handed Properties", <i>Journal of Applied Physics</i> , vol. 95, no. 5, (3/1/04), pp. 2238-2241.
	<b>AG</b>	Chekroun Claude, "Microwave Lens With Panel of Stacked Phase Shifting Channels," <i>Abstract of French Patent FR 2747842</i> , (10/24/1997), published at <a href="mailto:esp@cenet">esp@cenet</a> online database, 1 page.
	<b>AH</b>	European Search Report for Appl. No. 05251005.4-1248-, (5/30/05).

**\*\*\*References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.**

**\*\*\*Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header**

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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**\*Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.